

20000613.qrp v01\_n851.qrl.20000613

Date: Tue, 13 Jun 2000 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1851

QRP-L Digest 1851

Topics covered in this issue include:

- 1) [72557] Sold  
by Gordon <gordon@znet.groupz.net>
- 2) [72558] Re: Making BNC connectors  
by "JC Smith" <jc-smith@worldnet.att.net>
- 3) [72559] Stainless antennas  
by Anthony Felino <anthony@pacinfosb.com>
- 4) [72560] A small receiver  
by Andrew Madsen <MADSENANDREW@netscape.net>
- 5) [72561] First QSO w/SMK-1!!!  
by John Wagner <john@neknetwork.com>
- 6) [72562]  
by "Victor Blackwell" <victor@brecnet.com>
- 7) [72563] "zero beating" again  
by Anthony Felino <anthony@pacinfosb.com>
- 8) [72564] KD1JV VFOs SOLD  
by "Alan Fryer" <n3bj@hotmail.com>
- 9) [72565] Re QRP VHF/UHF how to  
by Peter Loveridge <peterlov@ihug.co.nz>
- 10) [72566] Re: Making BNC connectors  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 11) [72567] Touch-Controlled Lamps RFI  
by Charles K Brown <n4so@juno.com>
- 12) [72568] Re: "zero beating" again  
by NB6M@aol.com
- 13) [72569] Re: Making BNC connectors  
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
- 14) [72570] Re: "zero beating" again  
by NB6M@aol.com
- 15) [72571] B L T Tuner Cover  
by Hank <elly@epix.net>
- 16) [72572] BLT  
by Royce Simmons <w2rnb@prodigy.net>
- 17) [72573] Morse Code, the Sequel ... and a request  
by "John Nall" <nally@talstar.com>
- 18) [72574] Re: "zero beating" again  
by Brian <brian@iquest.net>
- 19) [72575] Re: First QSO w/SMK-1!!!

- by Brian <brian@iquest.net>
- 20) [72576] For Sale - Remaining  
by radioham@home.com
- 21) [72577] (NOT QRP) Motorola Max-Trac Radios  
by "ka7nqk" <ka7nqk@cleanweb.net>
- 22) [72578] Re: Making BNC connectors  
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 23) [72579] SMite Fox Results Sunday June 11th  
by KG4CRU@aol.com
- 24) [72580] SMK-1 stuff  
by John Wagner <john@neknetwork.com>
- 25) [72581] fs: TenTec scout 555 w/5 modules/mike\$450ppd!  
by RLucch2098@aol.com
- 26) [72582] Re: Power FET PA ?  
by "JC Smith" <jc-smith@worldnet.att.net>
- 27) [72583] Re: A small receiver  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 28) [72584] GM10 Assembly Instructions?  
by Larry Jones <ljones@flash.net>
- 29) [72585] Scope for sale/Trade  
by David J Adams <adamsclan@netgate.net>
- 30) [72586] w/r antennas 20 & 40 together again  
by hamjoel@juno.com
- 31) [72587] Re: Help with English Transistor  
by "Leon Heller" <leon\_heller@hotmail.com>
- 32) [72588] Re: Zero Beating Again  
by David Newkirk <dpnewkirk@home.com>
- 33) [72589] RE: OT: Touch-Lamp RFI  
by Karl Kanalz <KKanalz@excel.com>
- 34) [72590] Beacon on 7080 KHz  
by Wa3ptg@aol.com
- 35) [72591] RE: Making BNC connectors  
by Karl Kanalz <KKanalz@excel.com>
- 36) [72592] BOBTAILS AND HALF-SQUARES INFO  
by ARDUJENSKI@aol.com
- 37) [72593] nice collection or archive articles  
by ARDUJENSKI@aol.com
- 38) [72594] Two Questions...  
by Norman Young <norman\_y@yahoo.com>
- 39) [72595] Re: Making BNC connectors  
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 40) [72596] Re: Making BNC connectors  
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
- 41) [72597] Re: OT: Touch-Lamp RFI  
by "Mike" <steam@corecomm.net>
- 42) [72598] Replacement 8V regulator for NC20?  
by David Ek <ekdave@earthlink.net>
- 43) [72599] PIN diode switches or 1N4001 diodes?

- by Nils R Young <nilsbull@juno.com>
- 44) [72600] OT:Where to learn about computers?  
by Jim Durkin <jimdurkin@yahoo.com>
- 45) [72601] LM380 project & lessons re-learned  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 46) [72602] Voltage Regulators-8 volt  
by Charles K Brown <n4so@juno.com>
- 47) [72603] Re: Replacement 8V regulator for NC20?  
by David Ek <ekdave@earthlink.net>
- 48) [72604] BLT drilling template  
by Marv Fagenson <k6hcj@juno.com>
- 49) [72605] OT:Test - Please Disregard  
by normany@mindspring.com
- 50) [72606] SPECTRUM ANALYZER TUTORIAL  
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 51) [72607] Solder station sale !  
by Radman <radman@best.com>
- 52) [72608] LCD Keyer Update  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 53) [72609] Re: SMite Fox Results Sunday June 11th  
by "Walt Amos" <k8cv@worldspy.net>
- 54) [72610] Re: Making BNC connectors  
by "Walt Amos" <k8cv@worldspy.net>
- 55) [72611] Help (External Frequency Counter)  
by ECatlinN5mzxqrp@aol.com
- 56) [72612] I'm an Extra and proud of it.  
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 57) [72613] 72?  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 58) [72614] SMK-1 Case  
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 59) [72615] Re: VHF /P QRP How To's  
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 60) [72616] Re: Making BNC connectors  
by Bob Patten <n4bp@bc.seflin.org>
- 61) [72617] [CLUB]QRP Quarterly April expirations/renewals  
by Jim Stafford <w4qo@amsat.org>
- 62) [72618] Re: I'm an Extra and proud of it.  
by Bob Patten <n4bp@bc.seflin.org>
- 63) [72619] Re: I'm an Extra and proud of it.  
by Doug Bankston <dougbankston1@yahoo.com>
- 64) [72620] For Roy Freeman, KE4TG  
by Bob Patten <n4bp@bc.seflin.org>
- 65) [72621] Member list by call area  
by Jim Stafford <w4qo@amsat.org>
- 66) [72622] Re: [CLUB]QRP Quarterly April expirations/renewals  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 67) [72623] Re: I'm an Extra and proud of it.

- by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 68) [72624] RE: I'm an Extra and proud of it.  
by "Art Marshall" <artm@t-com.com>
- 69) [72625] KI6DS "on the road"  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 70) [72626] Re: SPECTRUM ANALYZER TUTORIAL  
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 71) [72627] HELP!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! computer part  
by RangerSF5@aol.com
- 72) [72628] Ten meters  
by hattonte@gdls.com
- 73) [72629] Re: SMK-1 Case and Field Day  
by Tim Pettibone <k5oi@zianet.com>
- 74) [72630] LCD Keyer Update  
by Bcieslak@ra.rockwell.com
- 75) [72631] Re: solar storm question  
by "David P. Drake" <dpd@dtpx2.ncifcrf.gov>
- 76) [72632] Michigan QSO Party  
by Bruce Muscolino <w6toy@erols.com>
- 77) [72633] Tonna (F9FT) antennas  
by "Carel Mulder" <cmulder@casema.net>
- 78) [72634] Re: Tonna (F9FT) antennas  
by Al Patrick <arp@inet4u.com>
- 79) [72635] Re: Beacon on 7080 KHz  
by wb2vuo@juno.com
- 80) [72636] Ramsey SX20 SSB Transceiver  
by "Charles D. Feigley" <feigley2@juno.com>

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Date: Mon, 12 Jun 2000 19:13:43 -0400  
From: Gordon <gordon@znet.groupz.net>  
To: qrp-l@Lehigh.EDU  
Subject: [72557] Sold  
Message-ID: <4.2.0.58.20000612191254.00970be0@mail.groupz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Many thanks to the fellows that answered my e-mail the qrp rig has been sold

73 Gordon

-----

Date: Mon, 12 Jun 2000 16:13:26 -0700  
From: "JC Smith" <jc-smith@worldnet.att.net>

To: <mikemo@attglobal.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [72558] Re: Making BNC connectors

Message-ID: <002d01bfd4c3\$d3208be0\$aa66480c@att.net>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Mike,

BNCs are easy to use. If you will be doing a bunch of them a crimp tool is handy but the clamp on type are not at all hard to use. There are diagrams on the assembly in the ARRL Antenna book and probably the Handbook. You could also just take one apart and see how it went together. They can be reused fairly easily. I find lengths (3 - 10 ft.) of RG-58 with BNCs on both ends at the swapmeets for around a buck.

They come in a variety of sizes for different types of coax. The RG8X and RG58 sizes are most common (with RG58 in the #1 spot). When buying surplus, be sure you get 50 Ohm and not 75 Ohm BNCs.

I like to use BNCs with the new LMR-240U cable. Same performance as regular RG8/RG213 but the same size as RG58. Neat stuff for jumpers etc. in the shack where the larger cable gets messy behind the radios. Also, hooking RG8/213 to a qrp rig is sortta like trying to hook a fire hose to a lawn sprinkler.

BNCs are electrically identical to N connectors, and far superior to PL259s, but you probably won't notice that on HF. Interestingly, you can usually hook a male N connector to a female BNC. They won't lock of course, but will work just fine if you are careful to keep them plugged in.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: Mike Maiorana <mikemo@attglobal.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, June 12, 2000 1:46 PM

Subject: Making BNC connectors

> I'm still using mostly PL-259 type connectors. They are easy enough to  
> make given a good soldering gun and some flux. I want to start using BNC  
> connectors but have no idea how to make the connection. I've made  
> network cable before and used a special crimp tool. Is this the way  
> everyone makes these? How well do the "screw on" type work? (not well,

> I'd guess). Any suggestions?  
> Thanks and 72  
> Mike Maiorana, KU4QO

-----  
Date: Mon, 12 Jun 2000 16:08:08 -0800  
From: Anthony Felino <anthony@pacinfosb.com>  
To: qrp-l@Lehigh.EDU  
Subject: [72559] Stainless antennas  
Message-ID: <Chameleon.960851415.anthony@anthony-400>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; CHARSET=ISO-8859-1

I'd be careful of stainless wire. It is what I use for making power resistors. It is easily available from suppliers who sell it as heating element wire. Some alloys have as much as 1 ohm per foot in 24 gauge, and generic stuff I get at the hardware store is about 1 ohm for 10 feet. In general, it has about 35 times the resistivity of copper. So I would measure the total resistance of any piece I was gonna use for an antenna. You wouldn't want to use a small gauge.

Stainless is used in some antenna systems (aircraft, whips) but you have to determine what the effect of the resistance will be on your system.

>I wonder if piano wire (stainless steel, I think) is available in,  
>say, 100 ft spools? It would be a heck of a lot stronger than copper  
>of the same gauge, which means one could use a very small gauge.

72, WN6Q

-----  
Anthony Felino, Pacific Information Design  
email: anthony@pacinfosb.com  
telephone: (805) 730 1565, x25  
-----

-----  
Date: 12 Jun 00 16:20:22 PDT  
From: Andrew Madsen <MADSENANDREW@netscape.net>

To: <qrp-1@Lehigh.EDU>  
Subject: [72560] A small receiver  
Message-ID: <20000612232022.22469.qmail@wwwcst270.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Hi all,

I'm looking for a small receiver that will fit in a tuna can(to go with the TT2). I don't want a kit, just something that I can build using ugly= or manhattan construction, or maybe on a piece of perfboard. 40 meters is the band I want it for(maybe something modifiable for other bands). It can be crystal controlled, it doesn't have to have a VFO or even a VCO. Thanks = for any input!

-Andrew AC7CF  
FISTS nr 7439  
QRP-L nr 2180  
FP 71  
<http://www.qsl.net/ac7cf>  
[ac7cf@qsl.net](mailto:ac7cf@qsl.net)

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-----  
Date: Mon, 12 Jun 2000 19:30:03 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72561] First QSO w/SMK-1!!!  
Message-ID: <3945727B.38B73993@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

First QSO for my SMK-1!

Worked Jim, W2AIC over in Clay, NY at 2300z with an approx 330mw of power from the SMK-1, BLT and dipole up 20 ft. Jim was running 5w and gave me a 569. His sig was booming on my end, I guesstimated a 5nn. What a cool little rig! Mine is mounted in 4oz McCormick black pepper can -

will post pics soon. Near the end of the QSO, we got stomped on by another QSO that started up over the top of us. Could hear enough to send our 73's, but that was about it. That seems to be one of the hazards of running QRP.

I'm taking the SMK-1 to work tomorrow and will operate from a picnic table with a Norcal doublet up as high as I can get it. This will be around 12 noon or so EST from Lebanon, NH. I also plan to head out to the AT sometime during the summer and will operate from the VT section near Norwich.

SMK #:

Someone mailed me and said the # of the SMK-1 is the number that is on the box it was mailed in. Mine just says "Wagner" on the side, so I guess that's its number. I think I'll call it Black Pepper and leave it at that. :)

73,

John, KB1ENS

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)

Web page: <http://www.neknetwork.com>

Sign up for PayPal:

<https://secure.paypal.com/refer/pal=john%40neknetwork.com>

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Date: Mon, 12 Jun 2000 19:48:33 -0400

From: "Victor Blackwell" <[victor@brecnet.com](mailto:victor@brecnet.com)>

To: "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>

Message-ID: <004101bfd4c8\$b8ac23a0\$605730d1@victor>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Is there a web site somewhere I can learn more about the SMK-1?

Vic AD8K

-----

Date: Mon, 12 Jun 2000 16:31:01 -0800



From: Anthony Felino <anthony@pacinfosb.com>  
To: qrp-l@lehigh.edu  
Subject: [72563] "zero beating" again  
Message-ID: <Chameleon.960853546.anthony@anthony-400>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; CHARSET=ISO-8859-1

NB6M Wrote:

"So, for the SMK-1 (and any CW rig that uses two completely separate oscillators for Receive and Transmit) it really makes no difference which sideband you listen to in order to work a station that is zero beat on your transmitter frequency. You simply tune your receiver so that you listen to a comfortable audio tone in either sideband."

Someone should really write a clear explanation of how you put a transmitter on the same frequency as a station you are receiving with a non-single-signal receiver (like a DC, Regen or "10kc" superhet.) I think the above post is a good attempt, but it is a little confusing. The idea that you are tuning different "sidebands" of a CW signal is misleading, though I realize a lot of folks talk that way. The phrase "zero beating" is misleading, because I doubt anyone does it by actually setting a beat note to zero any more. (You would have to have undesirably good frequency response to get closer than 100Hz or so.) I saw an article in a recent QRPp that was really confusing, and, I think, wrong.

Operating with a separate transmitter and receiver rather than using a transceiver is a good way of experimenting. You can build just a transmitter or just a receiver and test out your ideas. But it seems as though the skills taken for granted when this mode of operation was the norm have not been passed on well to the newer hams. I'd try writing something, but this is a difficult thing to explain. If someone already has written something that makes sense, I'd like to see it.

72, WN6Q

-----  
Anthony Felino, Pacific Information Design  
email: anthony@pacinfosb.com  
telephone: (805) 730 1565, x25  
-----

-----  
Date: Mon, 12 Jun 2000 16:54:53 PDT  
From: "Alan Fryer" <n3bj@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [72564] KD1JV VF0s SOLD  
Message-ID: <20000612235453.50663.qmail@hotmail.com>

Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Whew !! Overwhelming response, Steve could sell a bunch of these !

Alan, N3BJ

-----  
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-----  
Date: Tue, 13 Jun 2000 11:55:09 +1200  
From: Peter Loveridge <peterlov@ihug.co.nz>  
To: qrp-l@lehigh.edu  
Subject: [72565] Re QRP VHF/UHF how to  
Message-ID: <200006122355.LAA09174@smtp2.ihug.co.nz>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello All,

I have used QRP on VHF/UHF for 10 years or so and the Yeasu FT290, FT790 multimodes are hard to beat. Both are 2.5w output with 12 volt supply and run for the weekend with a 12 volt 6.5 A/Hr gel cell per band. For 23cm an FT290 is the IF radio along with a Down East Microwave transverter and 2w linear power amp and Gasfet preamp.

It is often a two man operation with a two man mountain tent. These designs generally have a vestibule at each end allowing the mast to be set up with its base inside the vestibule. You can rotate the mast and control polarity without going outside the tent.

The mast is made from 2 \* 1.25m lengths of concentric aluminium tubing which can be carried at 1.25m and extended for use. I use 6mm bolts and wing nuts thru concentric holes to collapse or extend them. At the base of the antenna I have a piece of turned rod to provide a flange, drilled for the bottom mast diameter and bolted to a piece of aluminium sheet to provide rotation control. This is a plate about 150mm diameter. I use bicycle brake shoes to clamp this plate in the desired direction. The plate rotates on a base made of aluminium box section about 250mm long with a nylon rod in the centre of the diameter of the inside of the bottom mast section. The mast rests on the top of this rod via the bolt thru the flange and mast. The brake shoes mount on the box section and another wing nut tightens a level which brings the top brake shoe in contact with the plate. 3 light guy cords position a small plastic plate about 3/4 of the way up the mast, drilled for the mast diameter. This is held by another bolt and wing nut at a hole through the mast top section. Beacons and active station directions can be marked in

pencil on the rotor plate for easy resetting.

An aluminium plate is joined to the mast top with a U-bolt and standard bolt and wing nut. Antennae have 25mm box section booms with more bolts and wing nuts joining the boom to the plate. I use 5 elements on 2m (1.5m boom) RG58 feed, 10 elements on 70cm (1.75m boom) RG213 feed and half of a Down East Microwave 45 element loop yagi on 23cm (about 1.8m boom) RG213 feed. The 70cm and 23cm booms have internal sleeves which allow them to be split in half for transport. The bolts which join boom to mounting plate also join the boom sections. I have written an article about the development of my 5 el 2m yagi if there is interest. The feeds are only about 4m long.

In NZ contests it is necessary to have both Horiz and Vert polarisation. This is achieved by using hinges at the top of a triangular plate connected to the mast and a square plate connected to the boom. The antenna is offset by a second tube to the boom mounting plate. More guy cord material is then used to swing the antenna from horizontal to vertical and hold it in place. This also allows me to stack 2 70cm yagis and have 2m and 23cm as counter weights when they rotate.

This equipment has been used on mountains from 900m to 2000m. Outdoor experience and equipment is required in these conditions. Several years were required to develop this equipment and I have been consistently placed in NZ contests against QRO stations by virtue of altitude. (cf location, location, location from the real estate business). None of the components is longer than 1.5m allowing them to be strapped on a backpack and travel on somewhat overgrown tracks through the bush. Once above about 1200m altitude (in NZ) you are above the bush line but at the expense of increased travel time and exposure. Driving on ski field access roads can help here.

I hope this does not look too daunting to achieve. It is a bare bones description of an effective setup for the still physically fit. I do not have the means to capture diagrams at present.

Regards,  
Peter Loveridge  
ZL1UKG

-----  
Date: Mon, 12 Jun 2000 19:55:41 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l@lehigh.edu  
Subject: [72566] Re: Making BNC connectors  
Message-ID: <3.0.6.32.20000612195541.0079b4d0@vmsspop.rit.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:46 PM 6/12/00 -0400, you wrote:

>I'm still using mostly PL-259 type connectors. They are easy enough to  
>make given a good soldering gun and some flux. I want to start using BNC  
>connectors but have no idea how to make the connection. I've made  
>network cable before and used a special crimp tool. Is this the way  
>everyone makes these? How well do the "screw on" type work? (not well,  
>I'd guess). Any suggestions?

Mike,

I'd prefer the crimp style over the screw-on types, and that's saying a lot since I've had to deal with network problems caused by improperly crimped connectors.

Your best bet is the solder / compression type. It's a little more complicated, but it's not bad once you've done a few. Page 22.8 in the 1999 ARRL Handbook shows how to attach them.

I like them because they're smaller & easier to mate than a PL-259, and they're a lot easier to scavenge and re-use.

Dave

-----  
Date: Mon, 12 Jun 2000 19:01:48 -0500  
From: Charles K Brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [72567] Touch-Controlled Lamps RFI  
Message-ID: <20000612.190148.10950.2.n4so@juno.com>

Hints and Kinks QST April 1995 page 72.

"Low-Pass Filter Cures Touch-Lamp Interference"  
discusses making a low pass filter from two 82 pf  
caps and a 2.2 mh choke. Discussion is on nearly  
the entire page and relates calculating the values  
for the low pass filter based on the lamp's oscillator.

Ken Brown N4SO  
Mobile, AL EM50tk  
NorCal 20 at 5 watts  
4 element yagi

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-----  
Date: Mon, 12 Jun 2000 20:24:35 EDT  
From: NB6M@aol.com  
To: anthony@pacinfosb.com, qrp-1@lehigh.edu  
Subject: [72568] Re: "zero beating" again  
Message-ID: <3b.61a1af0.2676d943@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I agree with you that it is confusing. And it does seem to be a difficult subject to explain clearly.

Let me try with the idea of zero beating a transmitter, in a rig like the SMK-1 that has a DC receiver and separate frequency controls for both the transmitter and the receiver, to a received signal.

To help with the explanation, let's for the moment assume that the transmitter and receiver both have the same frequency range.

What you could do in that case to zero beat the transmitter to a received signal would be to first tune the receiver to zero beat the received signal. Then, transmit, and tune the transmitter so your sidetone is zero beat.

There you have it, the transmitter is zero beat to the received signal. Now, in order to hear the other station, and have a QSO, just tune the receiver away from zero beat in either direction until you hear a tone frequency you like, and you are ready to go.

The SMK-1, of course, has limited transmitter frequency range. So you can only actually zero beat your transmitter to a signal that is within that limited range of a Khz or so.

As you point out, QSOs are still quite possible when your transmitted signal is with a couple hundred Hz or so of the received signal, so if you can get close, you can still QSO.

You are right, the tuning skills we used when we were "rock" bound, transmitted on one frequency and tuned our receiver up and down the band, sometimes a surprising amount, in order to make a contact, have not been passed on.

I hope that was a little less confusing.

72

Wayne NB6M

-----  
Date: Mon, 12 Jun 2000 17:31:17 -0700  
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [72569] Re: Making BNC connectors  
Message-ID: <000301bfd4ce\$b11ecb00\$8bfeb3d1@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mike

I'm using BNC connectors in my shack now. I found that relatively inexpensive crimp type connectors use a softer crimping collar, and don't seem to hold so well. I've had a couple that were well crimped pull apart. I think a good quality crimp connector with a soldered center pin would do very well.

73, Bob N6WG

-----  
Date: Mon, 12 Jun 2000 20:41:44 EDT  
From: NB6M@aol.com  
To: anthony@pacinfosb.com, qrp-1@lehigh.edu  
Subject: [72570] Re: "zero beating" again  
Message-ID: <79.54dffe2.2676dd48@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

P. S.

Just wanted to add that my previous post on this subject assumes that you are getting your "sidetone" by listening to your transmitter with your receiver, as is the case with the SMK-1.

Wayne NB6M

Date: Mon, 12 Jun 2000 20:51:58 -0400  
From: Hank <elly@epix.net>  
To: qrp-1@Lehigh.EDU  
Subject: [72571] B L T Tuner Cover  
Message-ID: <394585AD.B8979C29@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A QSL card fits perfect. And you can change it any time  
you want.

Make a custom card with WB8RCR's qsl program.

Hank K3PM

-----  
Date: Mon, 12 Jun 2000 20:57:28 -0400  
From: Royce Simmons <w2rbn@prodigy.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72572] BLT  
Message-ID: <394586F8.2AAD@prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All,

I just received my BLT kit and it really looks great! I seem to  
recall a modification for use with an unbalanced line and I hope  
someone will send the details of point me to a web page with the  
information.

Thanks, Royce

--

Royce Simmons  
Please note my new Internet ID: w2rbn@prodigy.net

-----  
Date: Mon, 12 Jun 2000 20:58:18 -0400  
From: "John Nall" <nally@talstar.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72573] Morse Code, the Sequel ... and a request  
Message-ID: <001101bfd4d2\$77a53680\$b5c4fea9@r6g4f3>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A million thanks to all who responded with suggestions as to a good Morse Code Trainer. After looking them over, I have decided that NuMorse is going to be the best bet. The other ones looked good, but having been a teacher for more years than I care to tell you, I can testify that different people learn in different ways. Their approach seems best for me.

And the request is this....I would like to make a text file of a bunch of "typical" CW contacts using good techniques and accepted abbreviations. So if I could possibly prevail on some of the OTs to just send me a simple e-mail with a typical exchange, I will make them into a file. This will allow me to compile the different abbreviations that people use, what a typical QSO consists of, and all that sort of thing.

It goes without saying, I think, that if anyone wants a copy of the file they can ask, and they shall receive :-)

Thanks in advance

John AF4WM (ex-WB4L0Q...gosh, had that call for over 30 years!)

-----  
Date: Mon, 12 Jun 2000 20:08:39 +0100  
From: Brian <brian@iquest.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72574] Re: "zero beating" again  
Message-ID: <39453537.CEBCC992@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Excellent explanation!

Thanks!

NB6M@aol.com wrote:

>

> I agree with you that it is confusing. And it does seem to be a difficult



> subject to explain clearly.  
>  
> Let me try with the idea of zero beating a transmitter, in a rig like the  
> SMK-1 that has a DC receiver and separate frequency controls for both the  
> transmitter and the receiver, to a received signal.  
>  
> To help with the explanation, let's for the moment assume that the  
> transmitter and receiver both have the same frequency range.  
>  
> What you could do in that case to zero beat the transmitter to a received  
> signal would be to first tune the receiver to zero beat the received signal.  
> Then, transmit, and tune the transmitter so your sidetone is zero beat.  
>  
> There you have it, the transmitter is zero beat to the received signal. Now,  
> in order to hear the other station, and have a QSO, just tune the receiver  
> away from zero beat in either direction until you hear a tone frequency you  
> like, and you are ready to go.  
>  
> The SMK-1, of course, has limited transmitter frequency range. So you can  
> only actually zero beat your transmitter to a signal that is within that  
> limited range of a Khz or so.  
>  
> As you point out, QSOs are still quite possible when your transmitted signal  
> is within a couple hundred Hz or so of the received signal, so if you can get  
> close, you can still QSO.  
>  
> You are right, the tuning skills we used when we were "rock" bound,  
> transmitted on one frequency and tuned our receiver up and down the band,  
> sometimes a surprising amount, in order to make a contact, have not been  
> passed on.  
>  
> I hope that was a little less confusing.  
>  
> 72  
>  
> Wayne NB6M

--

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
  39.558 N   86.095 W   Johnson Co., Indiana
  GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
  Proud to be a member of the American Radio Relay League
  FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

-----

Date: Mon, 12 Jun 2000 20:18:20 +0100  
From: Brian <brian@iquest.net>  
To: john@neknetwork.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72575] Re: First QSO w/SMK-1!!!  
Message-ID: <3945377C.321CFEF7@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

MOST EXCELLENT DUDE!!

I was fooling around with mine last night, it's mounted in a square plastic bowl with dual compartments. 330mW is great! I think mine peaks at about 280mw. I'm thinking about making the 1KmW amp for it.

72

John Wagner wrote:

>  
> First QSO for my SMK-1!  
>  
> Worked Jim, W2AIC over in Clay, NY at 2300z with an approx 330mw of  
> power from the SMK-1, BLT and dipole up 20 ft. Jim was running 5w and  
> gave me a 569. His sig was booming on my end, I guesstimated a 5nn. What  
> a cool little rig! Mine is mounted in 4oz McCormick black pepper can -  
> will post pics soon. Near the end of the QSO, we got stomped on by  
> another QSO that started up over the top of us. Could hear enough to  
> send our 73's, but that was about it. That seems to be one of the  
> hazards of running QRP.  
>  
> I'm taking the SMK-1 to work tomorrow and will operate from a picnic  
> table with a Norcal doublet up as high as I can get it. This will be  
> around 12 noon or so EST from Lebanon, NH. I also plan to head out to  
> the AT sometime during the summer and will operate from the VT section  
> near Norwich.  
>  
> SMK #:  
> Someone mailed me and said the # of the SMK-1 is the number that is on  
> the box it was mailed in. Mine just says "Wagner" on the side, so I  
> guess that's its number. I think I'll call it Black Pepper and leave it  
> at that. :)  
>  
> 73,

>  
> John, KB1ENS  
> --  
> John Wagner - john@neknetwork.com  
> Web page: <http://www.neknetwork.com>  
> Sign up for PayPal:  
> <https://secure.paypal.com/refer/pal=john%40neknetwork.com>

--

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
    39.558 N    86.095 W    Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

-----

Date: Mon, 12 Jun 2000 22:10:11 -0400  
From: radioham@home.com  
To: qrp-l@Lehigh.EDU  
Subject: [72576] For Sale - Remaining  
Message-ID: <3.0.6.32.20000612221011.007b7850@24.2.2.70>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Left after initial offers:

Code Star Microcraft LED CW/ASCII/RTTY reader - with variable filter and built-in speaker. Runs off 12v. Can keep up with CW to about 35 wpm. Decodes RTTY well, but will not do PSK-31 or other digital modes. With manual.  
\$45 shipped in US

AOR-501 Radio Telegraph Terminal - LCD CW (and only CW) reader - with built in CW Trainer (random code) and iambic keyer. Small built-in speaker. Runs off 12 V. With Manual and original box. Works very well.  
\$65 shipped in US.

Ten Tec #1051 Transmatch Tuning Bridge with manual.  
\$17 shipped in US.

MFJ-9406 six meter SSB xcvr (about 12 W PEP) with MFJ mike, manual and original box. Excellent condition. Works very well - used during VHF contest this weekend and worked many stations considering my crummy long wire antenna.  
\$175 shipped in US.

Benchner BY-1 Black Iambic paddle - very good condition, narrow paddle spacing.  
\$65 shipped in US.

Please respond direct. Always willing to negotiate reasonable offers.

72/73,

Steve, N4EUK  
Reston, VA

-----  
Date: Mon, 12 Jun 2000 20:51:07 -0500  
From: "ka7nqk" <ka7nqk@cleanweb.net>  
To: <qrp-1@lehigh.edu>  
Subject: [72577] (NOT QRP)Motorola Max-Trac Radios  
Message-ID: <000301bfd4de\$4d8a4a00\$0b4a0404@Rex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a co-worker(and possible future ham!) who has picked up a set of Motorola Max-Trac Radios at a good will store. Does anyone have experience in putting these radios to use on the vhf,uhf ham bands?  
Tx for the bandwidth.  
72, Rex

-----  
Date: Mon, 12 Jun 2000 21:54:45 -0500  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72578] Re: Making BNC connectors  
Message-ID: <007901bfd4e3\$195aa9a0\$0200000a@mcg.net>

----- Original Message -----  
From: "David Hinerman" <dlh1009@ritvax.isc.rit.edu>

| Your best bet is the solder / compression type.

These are the only BNC's to use. You solder on the center pin and the braid is held by a screw in compression ring. I've never seen one of these fail whereas the crimp and screw on BNC's can be problematic. Also, the crimp style are easy to disassemble and use again. Yes, there are usually more expensive but well worth it.

73 de Cla KA0GKC

-----  
Date: Mon, 12 Jun 2000 23:05:10 EDT  
From: KG4CRU@aol.com  
To: qrp-1@lehigh.edu, klqrp@waterw.com  
Subject: [72579] SMite Fox Results Sunday June 11th  
Message-ID: <6b.581499c.2676fee6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Well my turn as the SMite Fox for the Knightlites QRP club turned out to be quite an adventure this past Sunday evening.

To add spice to the occasion, I thought it would be fun to take my fishing boat plus family and dog out to nearby Lake Jordan, near Raleigh NC and to operate my SMite from there. After all it was a beautiful evening.

After 30 minutes drive to the lake we launched the boat and had located a bay with a dead tree sporting an excellent V shaped branch at about 65 feet. Several attempts to slingshot a fishing line over the target, resulted in a loss of 6 fishing weights and a need to respool the fishing reel with fresh line. LESSON LEARNT:- Dead trees dont have smooth branches!

By this time there was about 45 minutes to go till sked time at 09:30p EST . No time to relocate the family plus dog plus picnic to a new spot. In desperation I got a line over a branch at about 45 feet above lake level. I hauled my Inverted Vee up in haste only to discover that wading would be required in order to stretch the wire out in the clear. 30 minutes later and soaked to the bone I had the 80m Inverted Vee positioned with each leg about 10 feet above lake level. The SWR looked ok at 1.5:1 so I fired up the mighty SMite. BC interference was way down compared to my home QTH, making me think that the effort was worth it!

The following Pelts handed out.

N4SO 229 ? AL (lost contact QRN)  
AE4GX 559 Atlanta GA SAM 5W  
WF4I 579 Greensboro NC Derek 4W  
KF4AR 569 Charlotte NC Rick 4W  
AE4IC 579 Breensboro NC Bob 4W  
NV4V 229 KY (lost contact, QSB))  
WJ4P 579 Nr Charleston SC Randy  
N4ROA 449 Va Dan 2xSMite.  
K8?? (somewhere out there)

The candle started to burn low towards the end (10:30pm EST). My apologies for any inaccuracies.

Working Condx:- SMite Tcvr 200mW in mini Altoids tin  
Tick 1 Keyer  
9v 'Energizer' battery  
Paddlette backpack key  
80m coax fed, waterbourne Inverted Vee at 45Feet  
1 fishing boat, 2 kids, 1 XYL and a barking dog.

My thanks to my ever patient family (who were still asleep when I left for work this morning!) and the QRPer's who joined in the fun.

72 de Dick N4HAY

-----  
Date: Mon, 12 Jun 2000 23:28:29 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72580] SMK-1 stuff  
Message-ID: <3945AA5D.C61B5D76@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello again,

I attacked my SMK-1 this evening and applied the 1w mod to it. I had one qso with the stock setup, which I assume is 330mw or so (have no watt meter). After applying the 1w mod (using a 2n3553 I had laying around), I made a qso on the first try - therefore it must be louder. :)

Couple of questions;



Subject: [72582] Re: Power FET PA ?  
Message-ID: <003a01bfd4ed\$6f809a60\$5a03480c@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wow, I got a lot of questions (and one flame) about my comments on the "QRP kicker." To the flame: I thoroughly enjoy QRP. It has brought back some of the old "novice days" excitement for me. Even more I enjoy building stuff I can use on the air, and QRP lends itself to that very nicely. BUT, I would rather run a KW than make a buddy suffer through impossible copy on a sked or a traffic handler need numerous repeats on a net. This is a hobby. It's supposed to be FUN, not work. Whatever turns you on. Just don't impose your personal rules on me.

Now, to answer the questions. I found the article in question. It was in the Handbook (1995 edition), not QST. It is a 50 Watt "QRP linear amplifier." Works on 160 through 10 meters. Uses a pair of MRF477s in the final. A template package, complete with photos, etc. is available from the league. Etched circuit boards are available from FAR Circuits. It's in chapter 17, the Receivers, Transmitters, Trancievers and Projects chapter, not in the RF Power Amplifiers and Projects chapter. Looks like a fun project. It was designed by Rod Blocksom, K0DAS.

I have not built the project myself, but I believe it is within the scope of my limited talents (I'm a kit builder and modifier, not a designer). If anyone on here has actually built this little amp, I would love to hear from you.

72 - JC,k0hps@amsat.org

-----  
Date: Tue, 13 Jun 2000 00:04:56 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: MADSENANDREW@netscape.net  
Cc: qrp-1@lehigh.edu  
Subject: [72583] Re: A small receiver  
Message-ID: <200006130443.AAA28560@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT



> I'm looking for a small receiver that will fit in a tuna can(to go with  
> the TT2). I don't want a kit, just something that I can build using ugly or  
Andrew,

Try the MR2. The Rx in the SMK-1 was derived from it. The circuit can  
be found on the Red Hot Radio web site. Or duplicate the Rx section  
of the SMK-1, with big parts.

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Mon, 12 Jun 2000 23:58:50 -0500  
From: Larry Jones <ljones@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [72584] GM10 Assembly Instructions?  
Message-ID: <3945BF8A.FA2@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings Everyone...

I aquired a NN1G Green Mountain 10 Meter xcvr at Hamcom this past  
weekend. It does not have the assembly instructions. Is there someone  
out there that would be willing to sent me a copy of said instructions.

I will reinverse you for all expenses accured. Please email me direct  
as I do not think that we ought to use the reflector for answers. TIA.

Larry N50SG  
Garland Tx  
ljones@flash.net

-----  
Date: Mon, 12 Jun 2000 23:16:46 -0700  
From: David J Adams <adamscian@netgate.net>  
To: QRP <qrp-l@lehigh.edu>  
Subject: [72585] Scope for sale/Trade  
Message-ID: <3945D1CE.308CC042@netgate.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings! I have a Tek TDS210 2 channel Digital 60MHz scope. This is

the one that has a full size front panel, but is only about 3" deep. It was purchased in February for \$1200 (now sells for \$1100 at Fry's) for a specific project which has since evaporated. As I have a 200MHz digital scope on the bench, I don't really need this one. I've been considering converting the investment into a K2 kit with appropriate "fixins". So, if anyone is interested in the scope, feel free to make an offer...

73 de dave, n9uxu

-----  
Date: Tue, 13 Jun 2000 03:10:10 -0400  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [72586] w/r antennas 20 & 40 together again  
Message-ID: <20000613.031011.-162893.3.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

High Y'all again:

sry to be on ur screen again so, soon however I needs to told some bodies what I done today... I'd tell my lovely cajun belle , but she won't stop laughing long enough to listen.... :-)

I done a wedding ceremony today... My forty meter ant got a glimpse of my twenty meter ant and they just had to get together....

so I put the 20mtr reflectors (35ft each) 14ft behind the 40mtr driven element and then put the 20 meter directors (31ft each) 14 feet in front of the 40 mter driven element...brought tears to my eyes to see all these wires waving together in the wind... pointing towards the mountains and singing.. it's on to europe we go, it's on to europe we go, we're on to europe and don't u kneaux, made possible by the cajun lad below...and his abundant supply of cajun Meaux Joe... oh it's off to europe we go...

course they got to a higher pitch as I pulled the ropes tighter and they saged less... even the twin lead feed line in got into the spirit and started singing.... I carry signals to and fro, some with and others headed... for some cajun Meaux Joe... I'm the happiest twinlead in the world u kneaux...

and on and on the wire and twin lead went... soon the neighbors came out, shook their heads and mumbled "u kneaux that cajun lad is gonna be the ruin of the neighborhood yet"

I listened on the radio a bit, worked spain... and went to bed....

kella Joel  
in maine

singing with his antenna system

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 13 Jun 2000 01:31:53 PDT

From: "Leon Heller" <leon\_heller@hotmail.com>

To: jparker@fix.net, qrp-1@Lehigh.EDU

Subject: [72587] Re: Help with English Transistor

Message-ID: <20000613083153.88943.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>

>I am looking for help on type and specs for the following

>transistor.

>

>

>Made by Ferranti Semiconductors and the box says made in

>England. Part number is FST275.

Ferranti stopped trading years ago. Zetex took over their semiconductor operation, and it might be worth looking at their web site. I think it's [www.zetex.co.uk](http://www.zetex.co.uk).

73, Leon

--

Leon Heller, G1HSM

Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221

InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants., NN12 6AD, United Kingdom.

Email:leon\_heller@hotmail.com

Web page: <http://www.geocities.com/SiliconValley/Code/1835>

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----

Date: Tue, 13 Jun 2000 07:07:40 -0400  
From: David Newkirk <dpnewkirk@home.com>  
To: qrp-l@Lehigh.EDU  
Subject: [72588] Re: Zero Beating Again  
Message-ID: <394615FC.76ED70DB@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anthony Felino, WN6Q, wrote:

> Someone should really write a clear explanation of how you put a transmitter  
> on the same frequency as a station you are receiving with a non-single-signal  
> receiver (like a DC, Regen or "10kc" superhet.)

Tune the transmitter so it has the same pitch in the receiver as the other station's signal. Then vary the receiver tuning a bit and see the pitches of your signal and the other station's signal vary in the same way. If you've put your transmitter on the right frequency, both signals will vary in the same way. If you haven't, one will rise in pitch and the other will fall.

> The phrase "zero beating" is misleading, because I doubt anyone  
> does it by actually setting a beat note to zero any more. (You would have to  
> have undesirably good frequency response to get closer than 100Hz or so.)

It's only misleading if we assume that zero beat means \*zero beat at zero hertz\*, which it need not. What's really meant is zero beat\*ing\* between two signals--tuning one or both of the signals so that they both produce pitches so close in frequency that there's no audible pulsing or beating between their tones. Of course this can't be done at zero hertz; it's best tuned for at a reasonable receiving pitch.

73,

Dave Newkirk, W9VES  
dpnewkirk@home.com  
<http://members.home.com/dpnewkirk/>

-----  
Date: Tue, 13 Jun 2000 07:27:57 -0500  
From: Karl Kanalz <KKanalz@excel.com>  
To: "'myetsko@insydesw.com'" <myetsko@insydesw.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72589] RE: OT: Touch-Lamp RFI  
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20CB3@adntex01.adsn.dal.excel.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

The two touch-lights in my house respond to my r.f. the same way! Really startling if someone is asleep in the room when I decide to bust a pile up on 40 or 30M !!

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: Mike Yetsko [mailto:myetsko@insydesw.com]  
Sent: Monday, June 12, 2000 5:42 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: OT: Touch-Lamp RFI

The touch-lamp I bought my daughter is SILENT from an RF standpoint. At all levels of the light! And it's real easy to check! With the K2 feeding my long wire, every touch of my key is like a touch of the lamp!

Dad-di-dah-dit dah-dah-di-dah  
is  
off-low-mid-high-off low-mid-high-off

Although I do have to admit that sometimes my 'dahs' skip more than one step in the light level. Does that mean the lamp has 'key bounce'?

(Running and hiding from that pun! But it's true!)

Mike

----- Original Message -----

From: Scott Hotchkiss <w4pj@bellsouth.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, June 12, 2000 6:12 PM  
Subject: Re: OT: Touch-Lamp RFI

> Aw Man! They're the dangdest noisy things. The guys  
> who market these noisemakers should be sentenced to  
> listen to their crud for 30 years. I say crush it with a 10lb.  
> sledgehammer and get her a 'clapper'. (Really, a foot  
> switch might do the trick.)  
> de (Scott) W4PJ 'Noise is the enemy!"

> P.S. remind her of the Part 15 credo: "must not interfere  
> with other licensed radio services..." or something like that.  
>  
> "Dennis B. Dolle" wrote:  
>  
> > Gang,  
> > Had huge, broadbanded, S9 RFI right in the middle of the 40-meter CW  
band.  
> > Traced the noise to one of those cheap imported lamps that turns on  
and off  
> > when you touch the base. My first instinct is to just pull the plug  
and  
> > crush the thing under the wheels of the lawn tractor. Problem is,  
my ailing  
> > mother-in-law lives with us and can't turn on a light using a normal  
switch.  
> > She purchased the lamp.  
> >  
> > I've read procedures for installing bypass capacitors in the lamp  
circuit to  
> > cure RFI, but can't remember where I saw them. Anyone out there  
tackle  
> > this problem before? Please reply direct to help keep the OT  
bandwidth  
> > down. Thanks.  
> >  
> > Dennis, K7YN  
> > Spokane, WA  
>  
>

-----  
Date: Tue, 13 Jun 2000 08:34:44 EDT  
From: Wa3ptg@aol.com  
To: qrp-l@lehigh.edu  
Subject: [72590] Beacon on 7080 KHz  
Message-ID: <64.3a1aa46.26778464@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

WB2ZWI is operating a beacon on 7080 KHz this morning (1200Z) from FN13.  
Can't find any email address for him. I wonder if he's running a Fireball?

72 DE WA3PTG

Harry (Hap) Hurst      NJQRP-EPAQRP  
Wilmington DE          QRP-L #1464

-----  
Date: Tue, 13 Jun 2000 07:36:38 -0500  
From: Karl Kanalz <KKanalz@excel.com>  
To: "'ka0gkc@arrl.net'" <ka0gkc@arrl.net>, Low Power Amateur Radio Discussion  
<qrp-l@Lehigh.EDU>  
Subject: [72591] RE: Making BNC connectors  
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20CB4@adntex01.adsn.dal.excel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

I think you'll find, Cla, that it's the "compression" type of BNC,  
not the "crimp" style, that are easy to disassemble and use again.

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----  
From: Cla KA0GKC [mailto:ka0gkc@arrl.net]  
Sent: Monday, June 12, 2000 9:55 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Making BNC connectors

----- Original Message -----  
From: "David Hinerman" <dlh1009@ritvax.isc.rit.edu>

| Your best bet is the solder / compression type.

These are the only BNC's to use. You solder on the center pin and the braid  
is held by a screw in compression ring. I've never seen one of these fail  
whereas the crimp and screw on BNC's can be problematic. Also, the crimp  
style are easy to disassemble and use again. Yes, there are usually more  
expensive but well worth it.

73 de Cla KA0GKC

-----  
Date: Tue, 13 Jun 2000 08:37:35 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu

Subject: [72592] BOBTAILS AND HALF-SQUARES INFO  
Message-ID: <8e.6529496.2677850f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

For inquiring minds you may enjoy the info available at this website  
regarding BOBTAILS and HALFSQUARES:  
<http://www.angelfire.com/md/k3ky/page38.html>

ALAN KB7MBI

-----  
Date: Tue, 13 Jun 2000 08:48:24 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [72593] nice collection or archive articles  
Message-ID: <be.522388a.26778798@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

One of the best sites for archived material on antennas, rigs, etc  
<http://www.qsl.net/~wd8rif/archives.htm>

Alan KB7MBI

-----  
Date: Tue, 13 Jun 2000 05:58:25 -0700 (PDT)  
From: Norman Young <norman\_y@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [72594] Two Questions...  
Message-ID: <20000613125826.3921.qmail@web2002.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

... one of which is on topic and the other only  
marginally so.

But before I ask, although I have already done so  
individually, I want to publicly thank all of you who  
responded to my request for help on running the TS 520  
at QRP levels. I am now below 5 watts FB.

Now to my questions. I want to do PSK31, but the only  
computer that I can dedicate to the cause is a 486SX



25 Mhz machine with a Soundblaster compatible (allegedly) card. Is there any DOS based program for PSK31 that will work with that configuration? I know that the Widows programs require at least Win95 and a faster processor, and I have another machine that is more than capable of running the Windows software, but I cannot use it for hamming.

Second, I recently had to sign up on the list on my Yahoo account so that I can post. I had attempted to post via my Mindspring account several times over a period of two weeks, but the posts never make it. I get the digest FB, and the posts do not bounce, but they don't make it to the list, either.

FWIW, I am running Mindspring's connection software, Win98, and Outlook. Don't recall any problems before this last couple of weeks. If anyone else using Mindspring has had the same problem, I'd be interested in hearing from you directly - to avoid offending the easily offended... : ) . Please reply either to this address or to "normany@mindspring.com".

tnx es 72,

Norman  
KA4PUV

-----  
Do You Yahoo!?  
Yahoo! Photos -- now, 100 FREE prints!  
<http://photos.yahoo.com>

-----  
Date: Tue, 13 Jun 2000 07:53:53 -0500  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: "Karl Kanalz" <KKanalz@excel.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72595] Re: Making BNC connectors  
Message-ID: <012d01bfd536\$ff926e00\$0200000a@mcg.net>

| whereas the crimp and screw on BNC's can be problematic. Also, the crimp

Oops, I did actually mean compression here instead of crimp. Just a slip of the keystrokes, I refuse to call it a senior moment as I'm not that old yet.

; -)

Thanks Karl for catching my mistake!

73 de Cla KA0GKC

-----  
Date: Tue, 13 Jun 2000 08:58:04 -0400  
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>  
To: "'QRP Email List'" <qrp-l@lehigh.edu>  
Subject: [72596] Re: Making BNC connectors  
Message-ID: <125490A005E3D3118C9C00805FC743CC02F4AA@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

Yet another alternative for those that don't like the crimp style or the "clamp" style BNCs is a relatively new type of BNC called a "wedge". The downside is that the readily available ones (Amphenol) are about \$7 per. Our local connector specialty place has less expensive (but still decent quality) knock-offs made in Taiwan for about \$3 per.

These connectors have a solder-type center pin and have a conical piece that simply slips under the braid (you trim the braid flush with the end of the jacket) and a clamp collar that screws in the back - the braid and jacket are pinched between the conical "wedge" and the clamp collar. Assembly is almost as simple as the crimp jobs and you don't have to worry about failed crimps.

72, Michael Tracy, KC1SX

-----  
Date: Tue, 13 Jun 2000 08:06:02 -0500  
From: "Mike" <steam@corecomm.net>  
To: <KKanalz@excel.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [72597] Re: OT: Touch-Lamp RFI  
Message-ID: <001e01bfd538\$21570860\$68ced6d8@megsinet.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

We sold our touch lamps at garage sales years ago for the=20  
very same reason.

I Got tired of activating the lamps with RF. I didn't know what  
was going on, We only had them in a couple of rooms that=20  
weren't usually occupied. Finally figured it out!!!

<>< ><< ><< <>< ><< <>< ><< <>< <>< ><  
Mike Pender Chicago N9IV0  
steam@corecomm.net <http://www.corecomm.net/~steam> =20  
><< <>< <>< ><< <>< ><< ><< <>< ><< <>

-----  
Date: Tue, 13 Jun 2000 09:43:07 -0400 (EDT)  
From: David Ek <ekdave@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [72598] Replacement 8V regulator for NC20?  
Message-ID: <383483051.960903787534.JavaMail.root@web624-wrb.mail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

A friend of mine (not on the list) recently purchased an assembled NC20 from  
another ham. This rig has a bit of a whoop on the transmit side. It's one of  
the rigs that Dave Fifield ultimately determined had poor 78L08 8V  
regulators in them (mine was one also; a list member sent me a replacement  
which cured the problem. Unfortunately, I've since sold the rig so I can't  
go back to check the part number).

We tried replacing his regulator with a couple of spare 78L08's that I had  
in my junk box, but couldn't fix the problem (not surprisingly, since they  
didn't fix it in my NC20 either). My friend has tried to contact Dave  
Fifield to purchase a replacement, but since Dave has shut down RHR for the  
summer he may have more important things to do right now.

So, can anyone recommend a replacement part for this 8V regulator which is  
more stable than the 78L08's we've tried? My friend would like to use this  
rig for Field Day this year.

73,

Dave AB0GO

-----  
Date: Tue, 13 Jun 2000 10:06:54 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [72599] PIN diode switches or 1N4001 diodes?  
Message-ID: <20000613.100658.-316827.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

I'm trying to put a solid state t/r switch in the amp project. I figger I have three options:

1. A relay & associated timing circuitry runnin' off the t/r line of the radio.
2. A relay & associated COR (carrier operated relay) circuits.
3. PIN diodes & associated circuitry runnin' off the t/r line of the radio.

I've been to a couple web sites lookin' for the info on PIN diode switchers. Some have been great helps, others were more arcane than CocaCola's site. The most complete line of PIN diodes seems to be Unitrode (or its 21st Century corporate clone). We used the Unitrode low power PIN diodes on the TR7 before the PA, so I have lots of scob & modify to get from that.

Only problem is the higher output will smoke what I've been used to before I get a chance to even taste the battery by lickin' the leads. Now, in the Argosy there are some garden variety rectifier diodes used as t/r switches (and I don't that schemo, just remember seeing it). The K2 does something similar.

I'm wondering if I can get away with high current/high PIV rectifier diodes in the output t/r switch of the 140 W CCI amp that seems to work just fine 'cept for not yet havin' LPFs & a t/r relay system. If I can use the rectifier diodes, then I can just cobble & modify a circuit layin' around here. Otherwise, I'm back to "clack clack" with a relay & t/r delay set up.

Any ideas or suggestions?

-----  
Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>  
In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!  
--- Comrade Nikolai Sergeevich McTovarishov

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 13 Jun 2000 07:21:23 -0700 (PDT)  
From: Jim Durkin <jimdurkin@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [72600] OT:Where to learn about computers?  
Message-ID: <20000613142124.23977.qmail@web313.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Would appreciate any recommendations on where to start  
in learning about computers.

73

Jim kt4a

-----  
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<http://photos.yahoo.com>

-----  
Date: Tue, 13 Jun 2000 08:17:25 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [72601] LM380 project & lessons re-learned  
Message-ID: <Pine.LNX.3.95.1000613080057.6952A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, after receiving the information that the diagram for the LM380  
general purpose amplifier was incorrect(thanks everyone), I switched  
connections and applied the voltage to pin 14 and pin 1 now has a 4.7 ufd  
cap to gnd...I also shortened the interconnecting leads from about 4  
inches to abt 1&1/2 inches and took the LM380out of it's IC socket  
and plugged it directly into the breadboard...my results are a little  
confusing...I have sound now, in fact I had a cw station at one point but  
it was fighting with BC interference...when I go to adjust the volume

control (10k) pot to check the volume up and down, I get a tremendous noise in the 3 inch speaker to the point where I can see the speaker cone jumping up & down...HAR!....there was one spot close to maximum clock-wise where I didn't have the screamin' meanmin' noise, where I had a cw signal along with the BC signal.....Vcc is just under 11 volts....I checked all the ground connections and they seem to be ok although they all measured 1.5 ohms instead of 0.0 ohms....anyone have any "musings" on this for me to check out?....oh, the lesson re-learned....heh,heh,heh....I managed to produce a battery short and in an instant or two the clip leads from the battery to the rig melted, smoked and went to "Test Lead Heaven"...BUT not until I grabbed one of them to disconnect the battery asap and I was successful as I have the burns on my fingers to prove it!!....NEVER work on a circuit when you're tired.....Yahooo!.... what fun eh!?!?.....  
...oh byw the SW-30's OK!.....whew....  
..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Tue, 13 Jun 2000 09:54:47 -0500  
From: Charles K Brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [72602] Voltage Regulators-8 volt  
Message-ID: <20000613.095448.14646.5.n4so@juno.com>

LM78L08-ACZ

ACZ= Accuracy Code (voltage swing or tolerance of the device. (The letter Z refers to the T0-92 case.)

C= Standard +-8 percent

AC= Improved +-4 percent // +- 0.2 volts

Source: page 79 Data Book for Homebrewers and QRPers/  
Voltage Regulators  
Sample part number from Mouser catalog page 40--  
511- L79L08-ACZ 32 cents cost  
Mouser- sales@mouser.com 1-800-346-6873  
Ken Brown N4SO  
Mobile, AL EM50tk  
NorCal 20 at 5 watts  
4 element yagi

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 13 Jun 2000 11:18:49 -0400 (EDT)  
From: David Ek <ekdave@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [72603] Re: Replacement 8V regulator for NC20?  
Message-ID: <383536085.960909529981.JavaMail.root@web625-wrb.mail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Thanks to all who replied. I have the information I need.

73,

Dave

-----  
Date: Tue, 13 Jun 2000 08:29:35 -0700  
From: Marv Fagenson <k6hcj@juno.com>  
To: qrp-1@Lehigh.edu  
Subject: [72604] BLT drilling template  
Message-ID: <20000613.082939.-89139.0.k6hcj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Tnx to all who responded to my question. Response was, as usual,  
overwhelming! Answer: There is no "B" size hole.  
Marv Fagenson  
k6hcj@Juno.com

-----  
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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 13 Jun 2000 11:38:29 -0400  
From: normany@mindspring.com  
To: qrp-1@lehigh.edu  
Subject: [72605] OT:Test - Please Disregard  
Message-ID: <Springmail.105.960910709.0.09828400@www.springmail.com>

OK, you were warned, but if you're still reading, this is related to my earlier post (Two questions...). It was suggested that I rule out a problem with my mail program, so this is being posted via the Minspring web mail page in order to do that.

Sorry for the bandwidth, but I know of no other way to do it.

72,  
Norman

Now delete... please!

-----  
Date: Tue, 13 Jun 2000 10:38:23 -0500  
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>  
To: "'QRP-L'" <qrp-1@lehigh.edu>  
Subject: [72606] SPECTRUM ANALYZER TUTORIAL  
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA02DD9BB0@ucusmail.spectrapoint.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello y'all - -

We're now well into the Hot and Sunny Summer here in North Texas.

I know everyone doesn't have access to RF Design magazine, but for =  
those  
that do, the current issue (June 2000) has a very good tutorial article =  
on  
taking measurements with a spectrum analyzer.

For those that can't get a hold of a copy, send me an SASE with one =  
unit of  
postage and I'll make you a copy. My snail mail address is:

108 Forestwood Dr.



Corinth, TX 76205-2714

72 es 73,

Brad, W5CGH

[illegible]

**Brad Bradfield**, PE                      W5CGH                      Test Staff Engineer  
(ex WB=D8CGH)                                  SpectraPoint Wireless LLC

Real men talk with their fingers!

NORTEX NORCAL QRP-L #377  
SMIRK #4906 QRP-ARCI # ARS #72  
Austin ORP Club #i Alaska ORP Club #350

Date: Tue, 13 Jun 2000 08:44:53 -0700  
From: Radman <radman@best.com>  
To: "'elecra~~ft~~@qth.net'" <elecra~~ft~~@qth.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [72607] Solder station sale !  
Message-ID: <01BFD513.A726DC60@radman.vip.best.com>

Gang,

Wassco's 38th Anniversary Sale features some great buys for kit-builders - but, their sale ends on June 30th - coming right up!

If you're in the market for a solder station, check out the venerable Weller WTCPT. Sale price is \$89.99.

I also recommend the 3M(tm) ESD 4600 series wrist strap w/ 5'coiled cord - for \$5.49.

And, the ESD-safe Plato Shear cutters - for \$2.49

```
98 bux later -- you're ready to build any kit in the world ;)
```

URL: <http://www.wassco.com/> <click on 'hot buys sale'>  
Order: 1-858-679-8787

Happy soldering,

Conrad - NN6CW - relax, I'm not a Wassco rep :)

-----  
Date: Tue, 13 Jun 2000 11:07:10 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [72608] LCD Keyer Update  
Message-ID: <200006131545.LAA16968@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hi Gang,

Last week Brian Cieslak, AE9K posted that he had a bunch (50 or so) back lighted, 2 x 16 LCD's which he could offer for \$5.00 plus postage. I got one to try with the keyer and happy to say it works great. Plus, Brian says he will donate the proceeds from this sale to "Handi-Hams", a worthwhile cause.

Contact Brian at AE9E@arrl.net on details of how to get one of his displays.

The parts for the keyer are on order and should start to arrive here by the end of the week. The instruction manual is just about done. We're pretty much on track to start sending these out by the end of next week. It takes 5 minutes or so for me to program a cpu, and got 60+ to do, so that will keep me busy for awhile!

Also been tweaking the software. Keyer will now go up to 60 wpm and have added direct speed entry from the keyboard or serial port, in additon to toggle up and down. Added "Farnsworth" mode, which doubles the space between letters and words.

I'm sorry to say that all the part sets on order are now spoken for, so can't take any more orders. Many thanks to all those that did.

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Tue, 13 Jun 2000 15:15:20 +0100  
From: "Walt Amos" <k8cv@worldspy.net>

To: <KG4CRU@aol.com>  
Subject: [72609] Re: SMite Fox Results Sunday June 11th  
Message-ID: <000701bfd546\$36fc61c0\$0c301440@k8cv>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dick:

Yeah, it was ME !! I first tried to work you with 300 MW but absolutely no luck and when you got the K8 part I was at 5 watts with the K-2  
..... :-)

You were RST 219 or less all the time ..... he he

Walt K8CV Royal Oak, Mi. qrp-l 935 Zombie 188

----- Original Message -----

From: <KG4CRU@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Tuesday, June 13, 2000 04:05  
Subject: SMite Fox Results Sunday June 11th

> Well my turn as the SMite Fox for the Knightlites QRP club turned out to be  
> quite an adventure this past Sunday evening.  
>  
> To add spice to the occasion, I thought it would be fun to take my fishing  
> boat plus family and dog out to nearby Lake Jordan, near Raleigh NC and to  
> operate my SMite from there. After all it was a beautiful evening.  
>  
> After 30 minutes drive to the lake we launched the boat and had located a bay  
> with a dead tree sporting an excellent V shaped branch at about 65 feet.  
> Several attempts to slingshot a fishing line over the target, resulted in a  
> loss of 6 fishing weights and a need to respool the fishing reel with fresh  
> line. LESSON LEARNT:- Dead trees dont have smooth branches!  
>  
> By this time there was about 45 minutes to go till sked time at 09:30p EST  
>  
> No time to relocate the family plus dog plus picnic to a new spot. In  
> desperation I got a line over a branch at about 45 feet above lake level.  
I

> hauled my Inverted Vee up in haste only to discover that wading would be  
 > required in order to stretch the wire out in the clear. 30 minutes later  
 and  
 > soaked to the bone I had the 80m Inverted Vee positioned with each leg  
 about  
 > 10 feet above lake level. The SWR looked ok at 1.5:1 so I fired up the  
 mighty  
 > SMite. BC interference was way down compared to my home QTH, making me  
 think  
 > that the effort was worth it!  
 >  
 > The following Pelts handed out.  
 >  
 > N4SO            229 ?            AL    (lost contact QRN)  
 > AE4GX           559 Atlanta GA   SAM   5W  
 > WF4I            579 Greensboro NC   Derek 4W  
 > KF4AR           569 Charlotte NC        Rick        4W  
 > AE4IC           579 Greensboro NC   Bob    4W  
 > NV4V            229                    KY (lost contact, QSB))  
 > WJ4P            579 Nr Charleston SC        Randy  
 > N4ROA           449                    Va   Dan 2xSMite.  
 > K8??            (somewhere out there)  
 >  
 > The candle started to burn low towards the end (10:30pm EST). My apologies  
 > for any inaccuracies.  
 >  
 > Working Condx:- SMite Tcvr 200mW in mini Altoids tin  
 >                   Tick 1 Keyer  
 >                   9v 'Energizer' battery  
 >                   Paddlette backpack key  
 >                   80m coax fed, waterbourne Inverted Vee at 45Feet  
 >                   1 fishing boat, 2 kids, 1 XYL and a barking dog.  
 >  
 >  
 >  
 > My thanks to my ever patient family (who were still asleep when I left for  
 > work this morning!) and the QRPer's who joined in the fun.  
 >  
 > 72 de Dick N4HAY  
 >  
 >

-----  
 Date: Tue, 13 Jun 2000 14:47:48 +0100  
 From: "Walt Amos" <k8cv@worldspy.net>  
 To: <mikemo@attglobal.net>

Subject: [72610] Re: Making BNC connectors  
Message-ID: <000401bfd546\$319d90a0\$0c301440@k8cv>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mike:

Me too ..... Me too !! Hey, that sounds like PHIL ..... ;-)

If you find out how to do this EASY let me know Mike! I bought 25 feet of coax ( RG-58U ) from B. G. MICRO that had the BNC's on it and cut the stuff in half and put PL-259 on the other end for my coax switch. It came with two 50 ohm terminators and two BNC T connectors on each end all for some stupid LOW price!

Walt k8cv

----- Original Message -----

From: "Mike Maiorana" <mikemo@attglobal.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, June 12, 2000 21:46  
Subject: Making BNC connectors

> I'm still using mostly PL-259 type connectors. They are easy enough to  
> make given a good soldering gun and some flux. I want to start using BNC  
> connectors but have no idea how to make the connection. I've made  
> network cable before and used a special crimp tool. Is this the way  
> everyone makes these? How well do the "screw on" type work? (not well,  
> I'd guess). Any suggestions?  
> Thanks and 72  
> Mike Maiorana, KU4QO  
>

-----  
Date: Tue, 13 Jun 2000 12:00:29 EDT  
From: ECatlinN5mzxqrp@aol.com  
To: qrp-l@lehigh.edu  
Subject: [72611] Help (External Frequency Counter)  
Message-ID: <55.72daa41.2677b49d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I am looking for suggestions for an external frequency counter kit to be used with Ten Tec Argosy 525. I do not want to cut holes and plan hook up to spares. I can be reached at ecatlinn5mzxqrp@aol.com.

Thank you and 73

Ev

n5mzx

-----  
Date: Tue, 13 Jun 2000 10:45:41 -0500  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Cc: "MNQRP-L" <mnqrp-l@qth.net>  
Subject: [72612] I'm an Extra and proud of it.  
Message-ID: <016f01bfd550\$8a013c60\$0200000a@mcg.net>

(First, I request that NO replies to this message be placed on QRP-L. I do not want to start yet another stupid Extra, Extra-Lite flame war. Please simply read what I have to say and try to see my side of this. If you fell the need to write a reply or flame do it to me directly.)

Dear QRP-L,

On June 9th the FCC granted my Extra Class license.

I have something I wish to say about this. I have provided much technical help on this list for many years. I'm certainly not the most knowledgeable on this list, but I do come up with the answers from time to time and will continue to do so. I'm not an EE and I do not work in the electronics field, it is just my hobby and fascination. I have tried to make my contributions to this list informative and on topic. I've tried harder than you know to avoid entering in flame wars and off topic postings. This posting is very much off topic and for that I apologize but I must get this off my chest.

In March I went in and wrote the General, Advanced and Extra exams without very much study, I knew the subject so I didn't need to memorize the answers. I did this as I was going to be out of the country on April. Passed each with no problems. The VE's said they had never had anyone do all three in a row like that. I don't know what I scored, I didn't care you either pass or you don't. Upon my return in May I went to the next available VE session and turned in my paperwork to get my Extra.

Still, this has not been the good experience I had wished it to be. Many on this list have tried to lessen this achievement. Now after all these years since 1979 when I got my Novice ticket during which I built RTTY demodulators and received it on a TI-99 and C-64, received SSTV with a homebrew interface, converted an MFJ9020 to do FSK Pactor/Amtor/RTTY. Built numerous radios,

transmitters, transceivers and station items. Operated a packet and TCP/IP station using a homebrew TNC and an old 8088. Did the glowbug/boatanchor thing, several times. Threw more wire than I care to remember up into the trees and experimented with so many antennas some of them I no longer remember. I even built and sold antennas for a while. I have pursued my radio technical knowledge and have managed to keep abreast of good operating technique too.

Finally, I am able to transmit on the modes and frequencies I have listened to for so many years. And still there are those here who think I don't deserve it.

I have also had articles published in major and minor Ham Radio publications. I was the founder of and President for the first two years of The Minnesota QRP Society. I've been an officer in the Amateur Radio Computer Club for more than a decade. I repair radios for many of my previously higher licensed comrades. I'm considered by many to be the local antenna guru. In short I have contributed to this hobby in many ways and was very happy to do it. It's been the fun part of Amateur Radio to me. Still, some would now refer to me as an "Extra-lite".

During all these years I have been a Novice or Tech+. Why, because for one reason or another I never could do higher speed CW, I seem to hit the wall at about 10 wpm. Maybe it just doesn't interest me, I don't know for sure but I intend to keep trying.

I have found much of the discussion about the "Extra-lite" just a bunch of offensive and insulting egotistical BS. I have seen the very basic of electronic questions posted on this list by Extra license holders and wondered how these people passed the written Novice test, let alone the Extra. Still, I truly believe the only stupid question is the one you are afraid to ask and in that philosophy I have answered those questions politely, informatively and without sarcasm. And will continue to do so.

Many on this list have degraded the achievement of passing the post April 15th Extra exam. Not because post April 15th Extras don't have to demonstrate a higher level of knowledge in the radio art, but because they had to prove they could receive CW FASTER. I too have proved that I can receive CW, just not as fast. In the scheme of 21st century radio communications this difference is of no consequence or importance and this is the position of the FCC as well. Still, I think there should be a CW requirement and always have. Why, because basic radio building requires it and part of Amateur Radio is supposed to be about building radios and furthering the technical aspects of radio. The beginner has to start somewhere.

It is my firm belief that all the Extras that consider themselves "better" for having passed the Extra test prior to April 15th owe me the rest of us a large and greatly overdue apology. My record and contributions to our hobby speak

well for me. I have proven that I'm deserving of being a holder of an Extra Class license and of being on an equal footing with you and it's time for you to realize this and get your head out of your lower 25kHz. And before you go and hit the reply button, consider this: Could you walk in to the next VE session sit down and pass the current Extra written exam?

73 de Cla Cadmus KA0GKC

PS, PLEASE replies to me direct only. Not the QRP-L reflector.

-----  
Date: Tue, 13 Jun 2000 12:03:14 -0400 (EDT)  
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>  
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>  
Subject: [72613] 72?  
Message-ID: <Pine.BSI.4.05L.10006131202170.7589-1000000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi...can someone point me to any source that details how 72 was created as an abbreviation.

thanks

../..  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page  
<http://www.baltimorehon.com> Home of the Baltimore Lexicon  
<http://www.min.net/~thom/> QRP and Drake Mail List Pages

-----  
Date: Tue, 13 Jun 2000 10:16:37 -0600  
From: "Mugleston, Brad" <brad.mugleston@gwl.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [72614] SMK-1 Case  
Message-ID: <F9645092A142D3118CBD00805F15292E097B5A8D@eb-mail1.gwl.com>  
MIME-Version: 1.0  
Content-Type: text/plain

I got my case in the mail yesterday - it's worth every penny of \$20 and they only charge \$10. The NJ QRP Club did a fantastic job.



THANK YOU

de KI00T, Brad

-----  
Date: Tue, 13 Jun 2000 12:38:17 -0400  
From: "Lau, Zack, W1VT" <zlau@arrl.org>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [72615] Re: VHF /P QRP How To's  
Message-ID: <125490A005E3D3118C9C00805FC743CC8D9AFA@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Operating 10 bands requires lots of gear. The May/June 1998 QEX has a photograph on the cover and a description inside. 73 Zack W1VT  
Yes, it all fits in the Saturn.

-----  
Date: Tue, 13 Jun 2000 13:11:00 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Walt Amos <k8cv@worldspy.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72616] Re: Making BNC connectors  
Message-ID: <Pine.3.89.10006131259.B12018-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jun 2000, Walt Amos wrote:

>  
> Me too ..... Me too !! Hey, that sounds like PHIL ..... ;-)  
>  
Aw, you beat me too it!! Sorry, I don't have any insight in this discussion, but felt I should respond.

Anybody tried putting a BNC on RG-174U? Last Feb when K7RE and I went to C6A, we planned on two antennas, one being an 80M dipole supported by a DK9SQ mast. Imagine a dipole of #12 copperweld fed with RG-213 and a six inch coil of RG-213 at the feed point - attached to the tip of that rugged fiberglass mast. Can't picture it? Either could I, except on the ground as a pile of scrap.

I took a ride down to Nema in Miami to buy 30 feet of RG-174 and a BNC connector for it. No problem, in fact, a free sample! Nice outfit to do

business with!

First, dispense with the balun idea AND using the tip section of the mast. I fanned out the braid and center conductor of the coax, soldered the legs of the dipole (#24 insulated hookup wire) to them, and tie-wrapped the wires to the outer insulation of the coax about an inch down from the fan-out. Just above the tie-wrap point, I used electrician's tape to attach the junction to the tip of the Second section of DK9SQ mast. At the base of the mast, after the whole thing was erected, I spliced in a piece of RG-8X to bring the antenna to the radio. It went up easily, and stayed up for the entire five days spent at Freeport, Grand Bahama.

On 80M, I didn't expect any problem with loss through the 30 feet of RG-174, but this antenna was also to be used on every other band. During the days before the ARRL DXCW contest, we had some fantastic runs on 10 & 12 Meters - so the loss couldn't have been too outrageous.

To try and get back on topic.. The trickiest part of putting all this together was installing the BNC connector on RG-174, but by following directions carefully (from the Amphenol website), it went on perfectly the first time. I guess the connector would be described as the "clamp-on" type. The center pin was soldered, then the braid was fanned out slightly and compressed into the body of the connector with a screw-in piece. Still felt like attaching the Queen Mary's anchor to a piece of fishing line though!

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

-----  
Date: Tue, 13 Jun 2000 13:42:55 -0400

From: Jim Stafford <w4qo@amsat.org>

To: qrp-l@lehigh.edu, kq0i@arrl.net, NoGaQRP Club <nogaqrp@qth.net>, qrp@qth.net, QRP ARCI Operations Team <qrparki@listbot.com>

Subject: [72617] [CLUB]QRP Quarterly April expirations/renewals

Message-ID: <3946729F.500A1A72@amsat.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Gang,

In order to remind folks so that they can have continuity in their subscriptions, I have posted a list of calls that have subscriptions that expired with the April 2000 issue at:  
<http://www.qsl.net/qrparci/exp42000.txt>

This is meant strictly to be helpful. I've suggested that folks check their expiration date online - <http://www.qrparci.org/lookup.html> - but we still have quite a few that haven't renewed. That's ok if you don't want to, but if you simply didn't know, lost the white envelope, forgot, etc, we thought you'd like to know. The online info is current through June 10.

I have also emailed these folks with the addresses we had on file but the failure return rate is very high so thought I would try this idea. Thanks to those who have already renewed; apologize for the bandwidth.

We need your renewal in the next week to insure that you get the July issue. And we appreciate your support.

--

Jim Stafford/W4Q0/President QRP ARCI  
The Thrill is Back - QRP Is! 77 -993-95  
<http://www.qrparci.org>    [w4qo@arrl.net](mailto:w4qo@arrl.net)  
<http://www.qrparci.org/pix/arci050.gif>

-----  
Date: Tue, 13 Jun 2000 13:49:51 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Cla KA0GKC <ka0gkc@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72618] Re: I'm an Extra and proud of it.  
Message-ID: <Pine.3.89.10006131327.A22897-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jun 2000, Cla KA0GKC wrote:

>  
> to realize this and get your head out of your lower 25kHz. And before you go  
> and hit the reply button, consider this: Could you walk in to the next VE  
> session sit down and pass the current Extra written exam?

>  
Good post, Cla. I have never commented on this Extra / Extra Lite garbage and would be a fool to try and distinguish myself as the former. I did pass the Extra some 45 years ago, but almost certainly could not walk into a VE session and pass the written now. I (head-hung-in-shame)

have become an "appliance operator". While I can still send and receive 30-35 WPM, I've forgotten almost everything I had learned of a technical nature many years ago. The extent of my technical expertise is to be able to follow directions and assemble kits and simple from-scratch projects. I also enjoy modifying equipment to (hopefully) make it work better. Thank God for people like you who share their expertise with appliance operators like me! I'm proud of my ability to send and receive the Morris Code, but it certainly doesn't make me any better than anyone else!

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

o00o-( )-o00

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

-----  
Date: Tue, 13 Jun 2000 10:52:53 -0700 (PDT)  
From: Doug Bankston <dougbankston1@yahoo.com>  
To: ka0gkc@arrl.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72619] Re: I'm an Extra and proud of it.  
Message-ID: <20000613175253.331.qmail@web4303.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

BRAVO!!!! Way to Go KA0GKC!!!

I'm Very Sorry Gentlemen,

I don't send many e-mails out but I cannot resist. If you don't want to read this that's cool, just hit the delete button otherwise bear with me this will be quick.

1. I'm a recently retired Professional Radio Operator (United States Coast Guard Radioman). Did my time as Radioman aboard many ships while cruising around the world... Had mega-zillions of CW QSO's while I was out there at sea with Coast Stations (WLO, WNU, KLC etc...), other ships, and had another mega-zillion CW QSO's while stationed aboard various land based units like NMN in Chesapeake, VA with ships all over the

world.... I was at NMN when they pulled the plug on CW. Sad day for some, but it happened. Even though I hated to see CW go away I'll have to admit it was good for maritime safety. . You guys don't know the helpless feeling of trying to copy the latitude/longitude of a sinking ship through the static crashes of 500khz in the middle of the night, only to find out later that you (& 5 other operators) got it wrong (due to the qrn) and 16 people died while floating in icy water waiting for rescue.....

2. All these CW QSO's were related to Search and Rescue (SAR), Weather, sinking ships, injured crewman, oil spills etc... None were about my rig, antenna, home qth, or my dogs name.....

3. Funny thing about all these mega-zillion QSO's: 90 PERCENT OF THEM WERE 13 WPM OR LESS!!!!. And guess what, they were with PROFESSIONAL NOT AMATEUR radio operators. Only occasionally did we get really fast when working CW. This was usually when copying WX obs, or working an op that you have worked many times before.

-----So what's my point??-----

\* I'm not trying to sound like Mr. know-it-all about CW, but you have to admit, I did CW FOR A LIVING my entire military career so there is a bit of credibility here.....Now, why do we have to bash these guys that didn't pass the 20wpm... Is that something that they are supposed to need to be good amateur radio operators??? Heck, I only needed to go above 13wpm 10% of the time and I DID IT FOR A LIVING!!!!. KA0GKC sounds like he has been around amateur radio for awhile and has contributed to our hobby more than most of us on this list. Even though I'm only a general class, I'm a high speed CW op (40 wmp +). But I'm fast because I like CW and use it almost daily not because I'm a better Amateur Radio operator than any of you....I'm a big time QRP'er so almost all my qso's are made around the qrp freqs. I have no need to go to the bottom 25khz of the band.

\* Remember this is a hobby guys. High speed CW means absolutely nothing as far as being a good amateur radio operator goes, deep down we all know that. How would you like it if I looked down on on all you slugs

out there than can only work CW at 20-30 WPM.??? Lets  
leave these guys alone, accept them and get off our CW  
high horses.

73

Doug Bankston, W4IDW (ex KA5GVG 1979)  
Virginia QRP Society #001  
QRP ARCI # 7993  
High Speed CW Operator, & all around code geek.  
Stafford, Virginia

-----  
Do You Yahoo!?  
Yahoo! Photos -- now, 100 FREE prints!  
<http://photos.yahoo.com>

-----  
Date: Tue, 13 Jun 2000 13:55:15 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [72620] For Roy Freeman, KE4TG  
Message-ID: <Pine.3.89.10006131356.B22897-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry to post to the reflector, but you didn't send me your e-mail address.  
Received your check and label for the QRP-L Archives CD. It is packaged  
up and will be delivered to the P.O. this afternoon. You should receive  
it within about three days. Enjoy!

73,

Bob Patten, N4BP                      ( 0 0 )                      Plantation, FL  
-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715  
SOC #1Whiners #6

-----  
Date: Tue, 13 Jun 2000 13:55:40 -0400  
From: Jim Stafford <w4qo@amsat.org>

To: qrp-l list <qrp-l@lehigh.edu>  
Subject: [72621] Member list by call area  
Message-ID: <3946759C.9790F08D@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Folks,

Not sure how many know it but you may request a complete list of qrp-l members sent to you via email. If you wish to have an updated copy sent to you, go to the qrp-l page: <http://www.qrparci.org/qrplacc.htm> Down near the bottom is a button that says: Short list of QRP-L commands. Actually the page you reach is: <http://www.qrparci.org/qrplsum.htm> It's about 175k in length.

There you'll find what you send to listproc@lehigh.edu to receive this list. It's: RUN QRP-L X QRP\_CALL

There are many other helpful features of QRP-L at Lehigh.edu. For example, suppose you just worked KJ5TF and want to know how many million miles per watt you achieved, simply send a message to listproc@lehigh.edu and in body put: RUN QRP-L X CALLS2DIST yourcall kj5tf. In a minute you will receive email that gives you the distance! All this is covered in the summary list of commands.

Good luck.

--

Jim Stafford/W4Q0/President QRP ARCI  
The Thrill is Back - QRP Is! 77 -993-95  
<http://www.qrparci.org> w4qo@arrl.net  
<http://www.qrparci.org/pix/arci050.gif>

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Date: Tue, 13 Jun 2000 12:40:19 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Jim Stafford <w4qo@amsat.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72622] Re: [CLUB]QRP Quarterly April expirations/renewals  
Message-ID: <Pine.LNX.3.95.1000613123955.25489G-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

GREAT idea Jim and MUCH appreciated, as if you people didn't have enough

to do eh!?!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Tue, 13 Jun 2000 13:41:03 -0500  
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>  
To: "'ka0gkc@arrl.net'" <ka0gkc@arrl.net>, "'QRP-L'" <qrp-l@lehigh.edu>  
Subject: [72623] Re: I'm an Extra and proud of it.  
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA02DD9BBD@ucusmail.spectrapoint.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Cla - -

I could care less how you got your Extra. You earned it by the rules and by your own effort and that's all that matters. I got my Extra "the old way", before April 15th, but that doesn't make me any better ham or any better Extra class licensee than you or anyone else.

Congratulations on your effort, and thanks for all your contributions to qrp-l and to the hobby over the years.

72 es 73,

Brad, W5CGH

=====  
Brad Bradfield, PE  
Test Staff Engineer  
SpectraPoint Wireless LLC  
(W) 972-852-7101  
(Pgr) 972-648-3632

-----  
Date: Tue, 13 Jun 2000 14:53:56 -0400  
From: "Art Marshall" <artm@t-com.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>



Subject: [72624] RE: I'm an Extra and proud of it.  
Message-ID: <003c01bfd568\$b9fc54a0\$70c80ac0@pc-art2.t-com.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't have an EXTRA !!! and I really don't care. I have been just enjoying Ham Radio for the past 46 years, and I am looking forward to enjoying it another 46 years. hmmm 62 my age + 46 more years that will make me 108. Yep !!!!!

73 de art w1fji

-----  
Date: Tue, 13 Jun 2000 12:57:31 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-1@lehigh.edu  
Subject: [72625] KI6DS "on the road"  
Message-ID: <Pine.SUN.4.10.10006131248110.8550-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
Had a pleasant visit with Doug Hendricks KI6DS and wife Joanne over the weekend. They're traveling the country this summer in their trailer. We visited some local attractions, some Pueblo Indian ruins, a nearby Indian Casino, couple of local famous eateries, etc. Doug looks very good and healthy following his surgery with even more energy for QRP than before, if you can picture that :-)

I had ordered an SMK-1 and BLT kit, which was hand delivered by Doug, so finally looking forward to building mine and getting in on all the fun with everyone else. I think I'm going to build the BLT on top of the SMK so it has a self-contained tuner. Maybe add my class D MOSFET PA for a few more watts. Who knows? Sometimes it's fun just making it up as you go along. (actually, my default mode).

Anyway, Doug is again on the road making his way east to visit family, friends, and QRPers along the way. Obviously being on the road, he is virtually out of email contact until his return early August.

72, Paul NA5N

-----  
Date: Tue, 13 Jun 2000 13:57:17 -0500  
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>  
To: "'QRP-L'" <qrp-l@lehigh.edu>  
Subject: [72626] Re: SPECTRUM ANALYZER TUTORIAL  
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA02DD9BC0@ucusmail.spectrapoint.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

> Hi - -  
>  
> Sorry I didn't clarify mailing this article too well. The article is only  
> three pages long, two when I double side it, so your SASE can be either a  
> letter or legal sized envelope with one unit of postage.  
>  
> 72 es 73,  
>  
> Brad, W5CGH  
>  
> =====  
>  
> Brad Bradfield, PE  
> Test Staff Engineer  
> SpectraPoint Wireless LLC  
> (W) 972-852-7101  
> (Pgr) 972-648-3632  
>  
>

-----  
Date: Tue, 13 Jun 2000 15:09:18 EDT  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [72627] HELP!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! computer part  
Message-ID: <ac.6460526.2677e0de@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
My one and only pentium crashed on me so if anyone has been mailing me  
I've been losing info trying to configure different drives.

I need a Western Digital HD.  
I have a 1..6 GIG but 840 megs is enough for me.  
I cannot locate a smaller one then 6,5 and really don't have the money for a new one that size.  
Does anyone have a used drive at a reasonable price?  
Running 3.1 again and it's sort of restricted.(THE PITS)  
Thanks  
Bob  
WA2HOQrp <tm>

-----  
Date: Tue, 13 Jun 2000 15:11:34 -0400  
From: hattonte@gdls.com  
To: qrp-l@Lehigh.EDU  
Subject: [72628] Ten meters  
Message-ID: <0FC8D37C5E.5BCB67DF-0N852568FD.006848C4@gdls.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I'm still puzzling over this.

On Friday, having read the horror stories about the dreaded SUNSPOTS, I nervously turned on the rig and tuned around the ten meter band. And here, in 8-land, I heard no less than 6 beacons from all-over: N9 at 1 watt, W0, N1, K4, VA3, VE4.

Aha, perhaps the Monster had not yet Struck!

But wait, there were NO qso's, no cq's. How could this be?

Mindful that a Wiseman of qrp-l fame had once suggested that there may be Elephants where there are not Alligators, I decided to throw my hat into the ring. "CQ" I said loudly and slowly, many times, flexing my tiny transistors at an impressive 5 watts. On all the Best Frequencies, too (CW frequencies of course, not PSK31 frequencies).

And yet there are 100 letters a day to qrp-l. Maybe that's why there was nobody out there. All too busy writing memos, were we?

Hmmm.

de Terry W1QF  
Fists 7221

-----

Date: Tue, 13 Jun 2000 13:29:19 -0500  
From: Tim Pettibone <k5oi@zianet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [72629] Re: SMK-1 Case and Field Day  
Message-ID: <3.0.6.32.20000613132919.007a4100@zianet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I got my case a couple of weeks (or 3 or 4) ago. Went together very smoothly BUT I overheated one side panel joint on the case top. The foil lifted along one edge and performed a really nice "hinge" effect. George was very gracious and sent me a new panel. The case is now done. I painted the case top semi-gloss black (lots of thin coats with some clear Krylon overcoat.) I left the front/back and bottom side panels 'au natural' and sprayed them with clear Krylon after glueing the acetate overlays with rubber cement. Between coats on both top and bottom I let them sit in the hot New Mexico sun. Really looks nice. (Now all I have to do is build the SMK-1)

By the way the MVRC (that's Mesilla Valley Radio Club) is going QRP for field day again with 3 K2s (one for the Novice station). Remember, this isn't a qrp club. We'll be at Sunspot New Mexico again way up on top - they just re-opened the National Forest. Hope to hear you all on during Field Day.

Tim K5OI  
Las Cruces, NM  
QRP-L # 73, K2 # 63

-----  
Date: Tue, 13 Jun 2000 14:30:21 -0500  
From: Bcieslak@ra.rockwell.com  
To: QRP-L@lehigh.edu  
Subject: [72630] LCD Keyer Update  
Message-ID: <0FB8359956.1C7A7585-ON862568FD.0068ACA1@ra.rockwell.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I am glad to hear that we can put these displays to good use and help a worthy cause. For \$5 donation for each to handi hams plus a \$1.50 to cover the cost of postage and a reasonably padded shipping envelope you can get one of these epson 16 x 2 displays. Remember they are not new, I have no documentation and the quantity is limited. Just to make sure as many people as possible can have a shot at getting one I am going to place a limit of

two to a customer.. Send a check made out to me and I will forward the proceeds in the the name of the QRP-L Internet QRP Club when I run out of displays or you folks run out of interest. which ever comes first.

Good Luck on your projects,  
Brian Cieslak AE9K  
29119 Manor Drive  
Waterford, Wi 53185

Please corresponde via email: ae9k@arrl.net

More information about HandiHams: <http://www.handiham.org>

-----  
Date: Tue, 13 Jun 2000 15:59:09 -0400  
From: "David P. Drake" <dpd@dtpax2.ncifcrf.gov>  
To: victor@brecnet.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [72631] Re: solar storm question  
Message-ID: <4.3.1.2.20000613155221.00b2ceb0@dtpax2.ncifcrf.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Victor,

You are correct, The detector is called a magnetometer. You can build one using small flashlight, mirror, bar magnet, string, soda straw, and an index card. Plans can be found on the web at:

<http://www.thursdaysclassroom.com>

Enjoy,  
Dave.

At 03:40 PM 6/9/00 -0400, you wrote:

>To All,

>

>Will a geomagnetic storm cause a compass to deflect or jitter around a  
>bit? Inquiring minds want to know. Looks like detector of some sort  
>could be made.

>

>Vic AD8K

>

N3LSB - Dave  
Taneytown, MD

dpd@dtpax2.ncifcrf.gov  
QRP-l#:317

Carroll County

FM19jp

-----  
Date: Tue, 13 Jun 2000 16:10:31 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@lehigh.edu  
Subject: [72632] Michigan QSO Party  
Message-ID: <39469537.516C@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would like to thank the Mad River Radio Club for adding another piece of wallpaper to my collection. The mailman brought a "3rd Place Non-Michigan Single Operator CW Only" Certificate this afternoon for the 1999 Michigan QSO Party.

Thanks and 73,

-----  
Date: Tue, 13 Jun 2000 23:46:34 +0200  
From: "Carel Mulder" <cmulder@casema.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [72633] Tonna (F9FT) antennas  
Message-ID: <004d01bfd580\$db693aa0\$02c8c8c8@ZOLDER01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone know about a URL of this VHF-antenna manufactor?

Carel, PA0CMU.

-----  
(eureka Karl, I've found it!)

-----  
Date: Tue, 13 Jun 2000 18:08:50 -0400  
From: Al Patrick <arp@inet4u.com>  
To: cmulder@casema.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [72634] Re: Tonna (F9FT) antennas

Message-ID: <3946B0F2.B5D15743@inet4u.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Carel Mulder wrote:

> Does anyone know about a URL of this VHF-antenna manufactor?  
>  
> Carel, PA0CMU.  
>  
> -----  
> (eureka Karl, I've found it!)

Carel,

Don't know about the manufacturer. However, I found a couple of URLs,  
at lease one of which is using that antenna. One of them should be  
able to point you in the right direction. Check out:

<http://home.iae.nl/users/pe1logf/MY144.HTM>

<http://www.ukw-berichte.de/ukw-docs/antennen/tonna.html>

<http://www.dcc.ch/pulsar/home.htm>

Both of the latter ones are in German. Last page says its only  
available in German. Didn't see what you wanted on that site anyway,  
but it was a hit. I'd check them in order as listed - if you speak  
English only - <g>

73,

Al

--

"The Truth is Hate, to Those Who Hate the Truth"  
Do what's right. You'll please OR AMAZE everyone!

Love and hatred are both necessary. For one to love  
some things he must hate others, and visa versa.

-----

Date: Tue, 13 Jun 2000 18:27:24 -0400  
From: wb2vuo@juno.com  
To: qrp-l@lehigh.edu

Subject: [72635] Re: Beacon on 7080 KHz  
Message-ID: <20000613.183202.-201187.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

WB2ZWI is Howard Mortimer. Mort has been running a LOWfer beacon for aeons, so a 40 M beacon is not surprising.

He's in Baldwinsville, NY about 15 miles NW of Syracuse. I don't think that he has Email, at least he didn't when I spoke with him at the last hamfest I was at (in March)

Mort was the first QRP'er I ran into back in the late 60's, and ran a 40M TX from a late 60's QST. It used some high-voltage transistors, and ran on a 45 volt battery, 3/4-watt as I recall.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119  
My night light runs more power than my Rig!!!  
Replies off-list to: wb2vuo@arrl.net

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 13 Jun 2000 18:33:53 -0400  
From: "Charles D. Feigley" <feigley2@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [72636] Ramsey SX20 SSB Transceiver  
Message-ID: <20000613.183353.-227215.0.feigley2@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hello All,  
I was wondering if anyone on the list has any experience with the above Transceiver. I am looking for the pros and cons.  
Thanks in advance,



Charlie WA8CUL

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End of QRP-L Digest 1851

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